



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL SERVICES DIVISION
REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

COPY

Site:	Maline Creek
ID#:	MDN980631162
Break:	105
Other:	
7-28-92	

July 28, 1992

MEMORANDUM

SUBJECT: Site inspection of the former Certainteed, GAF asbestos landfill near Maline Creek, located in St. Louis, Missouri (NZX02)

FROM: Donald F. Hamera *DFH*
OSC, FIRE/EP&R/ENSV

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Superfund

TO: Paul Doherty, Acting Chief
EP&R/ENSV

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On July 8, 1992, Mike Michalowski and I traveled to the Maline Creek asbestos site located in St. Louis, Missouri, for site reconnaissance and investigation activities. This was a follow-up visit to the Technical Assistance Team (TAT) site investigation conducted on March 17, 1992. At that time TAT took photographs and made a video recording of sampling and overall site conditions. TAT's investigation revealed the presence of some friable asbestos material along and in the Maline Creek area as well as small waste piles located in several locations on both the Certainteed and GAF property. You may see the TAT report dated May 8, 1992, for more comprehensive information.

We arrived at the Certainteed property at 1 p.m. and met with Mark Kootman of Branch Metal Processing. Also on site were Gregg Reesor and Norm Farber, both from the Superfund branch. Mark showed us around the Certainteed property and the Maline Creek area. We saw several small waste piles which contained various types of asbestos waste. These piles were located on the Certainteed property, scattered around the old abandoned buildings. This waste consisted of transite pipe scraps, sheeting material, and a small amount of insulation. This material was laying out in the open with no cover or warning sign that it was asbestos. Some of the sheeting and pipe material showed signs of weathering and asbestos fibers could be seen. The actual landfill itself appeared to be in good condition and a stand of grass had been established to stave off the erosion process.

Next, we inspected the Maline Creek area next to the Certainteed property. There was a considerable amount of transite pipe strewn about, both on the banks of the creek as well as in the creek itself. Also present in this area was some sheeting material. Some of the sheeting material showed signs of weathering and one could see small fibers hanging from the edges. The transite pipe can be seen very clearly in the TAT video-tape

as well as the sheeting samples which were taken. A majority of the material in and about the creek area consisted of the transite pipe. This material was starting to show the effects of weathering as it was cracking and in some cases would crumble and release asbestos fibers.

Gregg Reesor and Norm Farber departed the site at this time while Mike and I met with Wayne Wiedeman of Clark properties to tour the former GAF facility. I walked most of the landfill to inspect the capping integrity and to see if there were any other waste piles present. I did find one very small waste pile on the eastern edge of the property next to the railroad tracks. This pile consisted mainly of sheeting scraps. The cap appeared to be in good condition with an adequate grass stand to hold the soil. We then inspected the western side of the landfill area near a fence. The fence kept us from getting right up to the edge of the creek bank. The TAT video shows a small amount of friable insulation dispersed among the rip-rap on the GAF portion of the creek. The toe of the landfill started approximately 18 to 20 feet from the edge of the creek bank. It would seem that under the current conditions that the creek bank will continue to erode away, possibly exposing the landfill itself.

Future actions for this site include a health assessment by ATSDR to determine the current and potential risk this material presents by being in the creek and being exposed to the elements. Future decisions will be based, in part, on these findings and future discussions with the Superfund Branch.